

78 Pleasant Avenue, South Portland, ME**REPORT OF ANALYSIS**

Vessel Seaway L
Port/Terminal Sprague, Searsport, ME
Client Reference
Our Reference 2005-0005
Date Sample Taken 01/11/05
Date Submitted 01/11/05
Date Tested 01/12/05
Sample Designated as # 6 Fuel Oil
Drawn By Intertek Testing Services Caleb Brett
Representing Shore Tank 4 UML Comp.

Lab Reference Number

Test	Method	Results	Units
Gravity / Density @ 15C	ASTM D 287	11.7 / 0.9875	API @ 60F / kg/l
Flash Point	ASTM D 93	183 / 84	F / C
Viscosity at 122 F	ASTM D 445/2161	502.6 / 237	cSt / SFS
Pour Point	ASTM D 97	+37 / +3	F / C
Sediment & Water by Cent.	ASTM D 1796	0.05	% Volume
Sulfur, upper	ASTM D 4294-98	1.99	% Weight
Sulfur, middle	ASTM D 4294-98	1.97	% Weight
Sulfur, lower	ASTM D 4294-98	1.99	% Weight
Sulfur, running	ASTM D 4294-98	1.99	% Weight
Ash	ASTM D 482	0.054	Weight %
Water by Distillation	ASTM D 95	<0.1	% Volume
Sediment by Extraction	ASTM D 473	0.02	% Weight
Heat of Combustion	ASTM D-240	18,329	Btu/lb
Gravity	Table 8	8.229	lb/gal
Heat of Combustion	ASTM D-240	150,829	Btu/gal
Nitrogen	ASTM D-5762	0.47	Weight %
Vanadium	ASTM D-5863B	173	ppm
Sodium	ASTM D-5863B	23	ppm
Asphaltenes	IP-143	11.4	Weight %
Conradson Carbon Residue	ASTM D-4530	18.0	Weight %

original signed

Walter Lach, Intertek Caleb Brett

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